

Peak District National Park

Forecast valid from 00:00 on Saturday 20 Feb 2021 until 23:59 on Sunday 21 Feb 2021

Forecast Issued on Friday 19 Feb 2021 at 15:37

Confidence: High for occasionally unsettled and seasonally mild, but confidence lowering for the extent and timing of the worst conditions from Sunday onwards.

Headline for Saturday 20 Feb 2021: Poor walking weather. Cloudy to overcast with rain, this heavy at times. Windy at height.

Mountain weather hazards on Saturday 20 Feb 2021

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

High Likelihood

Storm force winds

No Likelihood

Poor visibility

High Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Heavy Rain	Heavy Rain	Light rain	Heavy Rain	Light rain	Light rain	Light rain	Heavy Rain
Precipitation probability							
70%	80%	80%	90%	>95%	80%	70%	80%

Forecast for Saturday 20 Feb 2021

Weather: Overcast with periods of rain, turning heavy at times, particularly either side of midday. However rain turning increasingly light and patchy late evening, with a chance of clear spells spreading from the west towards midnight.

Chance of cloud free mountain/hill tops above 600m: 20%.

Visibility: Moderate or poor in rain, less in cloud with bases broken to extensive from 450-600m.

Forecast for Saturday 20 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	35/45 S	32/42 S	29/39 S	31/41 S	33/43 S	34/45 S	36/48 S	32/44 S	25/35 SW
300	27/38 S	24/34 S	23/33 S	24/34 S	27/38 S	27/39 S	28/41 S	25/37 S	18/29 S
Valley	16/36 S	13/30 S	13/30 S	13/32 S	16/36 S	17/37 S	18/40 S	17/36 S	12/28 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/1	7/1	7/1	7/1	7/2	7/2	7/1	7/1	6/1
300	9/4	9/5	9/5	9/5	9/5	10/6	10/5	9/5	9/5
Valley	9/6	9/6	9/6	9/6	10/7	10/7	10/7	10/7	9/6
Freezing Level*	1900m	1800m	1900m	2100m	2200m	2100m	2100m	1800m	1500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Conditions dangerous at height, with hill fog extensive at times, strong, perhaps gale force, summit winds driving rain and a severe chill effect.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 19 Feb 2021	N/A	N/A	N/A

Forecast for Sunday 21 Feb 2021

Weather: Mostly dry with some brighter spells during morning. However cloud and showery rain spreading erratically from the west later.

Maximum wind: South or southwest 20 mph with gusts 30 mph, gradually easing from mid-morning.

Chance of cloud free mountain/hill tops above 600m: 75% becoming 25% later

Visibility: Generally good, becoming moderate or poor in rain, less in associated cloud where bases lower 450-600m.

Temperature: **Valleys:** Plus 6 Celsius rising Plus 14 Celsius during the afternoon
At 600m: Plus 4-6 Celsius
Freezing level: Above all summits.